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SURNAME (in caps); Given Names

Country: Poland

Academic Degree: /not given/

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Farmacji Stosowanej Akademii Medycznej), Gdansk

Source: Warsaw, Farmacja Polska, Vol XVI, No 11, 10 June 1961,  
pp 213-215

Data: "The Determination of Morphine in Dower Tooth-Powder."

Authors:

FIEBIG, Adolf  
KOZLOWSKA, Janina

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FIEBIG, Adolf; BARTECZKO, Izabella; STECHNIJ, Irena

Studies on methods used in pharmaceutic practice for the increase of microbial contamination of drugs. Acta pol. pharm. 28 no.5:435-440 '61.

1. Z Zakladu Farmacji Stosowanej Akademii Medycznej w Gdansk  
Kierownik: dr A. Fiebig i z Apteki Panstwowego Szpitala Klinicznego  
Nr 1 w Gdansk Kierownik: mgr J. Lewonowa.  
(DISINFECTION) (DRUGS)

"Detectors for mine gas."

Unli, Praha, Vol 4, No 5, May 1954, p. 142

SD: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

FIEDLER, B.; PICHA, D.

Research on methanometers for mines and their development in  
Czechoslovakia. Prace vyzkum paliv 4:45-72 '62.

FIEDLER, Erich, Dipl. Ing.

Modern steel road bridges in the German Democratic Republic.  
Inz stavby 13 no.3:114-123 Mr '65.

1. VE Project Department of Highways, Berlin, German Democratic Republic.

FIEOLSE, F.

An article concerning the production of building materials for architectural purposes; a review. p. 182.  
STAVIVO, Praha, Vol. 33, no. 5, May 1955.

SO: Monthly List of East European Accessions, (BEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

FIEDLT, F.

Use and defects of terrazzo products. p. 126.  
STAVIVO, Praha, Vol. 33, no. 7, July 1955.

SO: Monthly List of East European Accessions, (MEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Encl.

FIEDLER, F.

"Problems in the production of roofing materials." p. 260.

STAVIVO. (Ministerstvo stavebnictvi). Praha, Czechoslovakia, Vol. 33,  
No. 8, Aug. 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6,  
August 1959.  
Uncla.



*FIEDLER, F.*

Czechoslovakia /Chemical Technology. Chemical Products I-12  
and Their Application

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31663

Author : Fiedler F., Vejsada F.

Title : Possibility of Replacing Gravel by Crushed Stone

Orig Pub: Stavivo, 1955, 33, No 12, 407-408

Abstract: A comparative characteristic is given of the  
properties of gravel and crushed stone. The  
possibility and expedience of substituting crushed  
stone for gravel, in concrete, are noted.

Card 1/1

FIEDLER, F.

FIEDLER, F. Machines for the production of terrazzo tiles. p. 344  
-Ba-. Academician Budnikov visits our country. p. 349.

Vol. 34, no. 9, Sept. 1956  
STAVIVO  
TECHNOLOGY  
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

FIEDLER, Frantisek

Teraco a teracove výrobky. (Terrazzo and Terrazzo Products. 1st ed. illus., bibl., index) For the workers in production and distribution. Prague, SNTL, 1957. 148 p.

A manual on the methods of manufacturing terrazzo, the artificial stone, composed of concrete and crushed marble. Description of raw materials and their treatment, manufacturing processes and various types of products (steps, tiles, wall tiles, plasters, etc.)

Bibliografický katalog, CSR, Ceske knihy, No. 32 17 Sept 57. p. 682

FIEDLER, F.

Production of large prefabricated elements.

P. 24. (STAVIVO) (Praha, Czechoslovakia) Vol. 36, No. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958



FIEDLER, F.

"Concrete admixtures. p. 114"

STAVBA. (Poverenictvo stavebnictva) Bratislava, Czechoslovakia, Vol. 6, No. 4  
Apr. 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6 June 1959  
Uncl.

FIEDLER, Frantisek

A new method of Schoope metal spraying of metal constructions.  
Inz stavby 11 no.1:Suppl.: Mechanizace no.1:10-11 63.

1. Prumstav, n.p., Praha.

FIEDLER, F.

New machines for making terrazzo tiles. Stavivo 41 no.3:106-107  
Mr '63.



FIEDLER, Fr. (Prague); JANGIKOVIC, Milan [translator]

Assembled and framed c instructions in Czechoslovakia. Gradevinar  
16 no.10:359-362 O '64.

FIEDLER, F.

Front surfaces. Poz stavby 13 no.1:41 '65.

FIEDLER, Fr. (Prague, Czechoslovakia)

A new way of metallizing metal structures. Przegl budowl i bud mieszk  
37 no.2:107 F '65.

FIEDLER, Frantisek .

Terazzo surfaces on the International Hotel building in Brno.  
Poz stavby 11 no.1:40-41 '63.

1. Prumstav, Praha.

FIEDLER, Frantisek

The Kovral carpets. Poz stavby 11 no.1:38-39 '63.

1. Prumstav, Praha.

FIEDLER, Frantisek

Granitoid tiles for industrial building floors. Pcz stavby 11  
no. 8:441-442 '63.

1. Prumstav, Prague.

L 54027-65

ACCESSION NR: AP5016818

CZ/0017/64/053/011/0590/0594

AUTHOR: Blazek, Zdenek(Engineer); Fiedler, Jiri (Engineer)

TITLE: Calculation of the cross section of the frame yoke and armature core in D. C. machines with regard to the correct function of the commutating field

SOURCE: Elektrotechnicky obzor, v. 53, no. 11, 1964, 590-594

TOPIC TAGS: electric engineering, electric rotating equipment

ABSTRACT: Contrary to the methods used in the past, the design described in this paper is based on the magnetic circuit and the effect on the deflection of the commutating curves during current peaks. A calculation is presented of the commutating field which serves for determining their permissible deflection. The minimum cross section required is determined from the ratio of the magnetic flux of the main field to the commutating field by means of a proposed chart. This chart has 4 figures, 10 curves and 2 graphs.

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NR: APN16318

Zavody V. I. Lenina. n. p., Pizet / 1 Lent: #0000 0 p.

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FIEDLER, J.

First international course on optical measurements in Jena, p. 10,  
RUDY (Ministerstvo hutního průmyslu a rudných dolů) Praha, Vol. 3,  
No. 1, Jan. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 4, No. 12, December 1955

FIEDLER, J

Use of newmaterials in building. p. 242. POZEMNI STAVBY. (Ministerstvo  
stavebnictvi) Praha. Vol. 3, no. 6, June 1955.

SO. RCE: East European Accessions List (EEAL, Library of Congress,  
Vol. 4, no. 12, December 1955.

FIEDLER, J.

Continuous measurement with an inclined shaft and boreholes, p. 209,  
RUDY (Ministerstvo hutního průmyslu a rudných dolů) Praha, Vol. 3,  
No. 7, July 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 4, No. 12, December 1955

FIEDLER, J. FIALA, M.

The use of anhydrite in the building industry of the German Democratic Republic. . p.157  
(Pozemni Stavby, Vol.5, no.3, Mar. 1957) Praha

SO: Monthly List of East European Accession (EEAL) LC, Vol.6, no.7, July 1957. Uncl.

FIEDLER, J.		28	
Best experimentation in Belgium and France. Jüli Fiedler. <i>Listy Cukrovar</i> . 64, 100-71(1948).--Exptl. in-stitutes in Belgium and France are attempting to produce beets with a high yield of sugar, by studying the influence of fertilizers upon the yield of sugar, by producing muta-tions, and by applying colchicine to beets in the early stages of growth to induce new properties. P. Mareš			
A9-B-51A METALLURGICAL LITERATURE CLASSIFICATION			
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**FIEDLER, J.**

**Polyphedral forms in sugar beets. Lily Cahner. 83, 60-63(1948).—**In 1943 beet seeds of the brand Selecta N were soaked in colchicine for 36 hrs. and irradiated with ultraviolet rays for 15 min. on 2 occasions; planted in pots the plants did not differ from the controls. In 1944 the seed generation did not differ from the controls. In 1945 the rate of root growth, content of sugar, and yield of sugar did not differ from controls. In 1946 the growing beets were sprayed with colchicine and irradiated with ultraviolet rays for 15 min. on 2 occasions in May. In 1947 the treated beets showed a different rate of growth from the controls. In 1948 arch-, heart-, egg-, and ellipse-shaped leaves appeared among the treated beets. The anatomical changes were due to a thickening of basic parenchymal fibers. Small but definite changes in the shape of the beet seeds were noted. The changes in the thickness of leaves affect the metabolism of the beets and consequently the sugar content in the root. Studies of the benefits of the chemically induced mutations are being pursued.  
Frank Mareš

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CA FIEDLER, J.

The sugar concentration during attempts to improve the  
sugar beet brand. Jilji Fiedler, *Lasly Cukrovat*. 60, 33-4  
(1949).—In a 3-year series of growing expts. the sugar  
concn. in the beet root, predicted from past performance,  
shows no significant differences. Frank March

LEB, J.  
hybridization of sugar beets and fodder beets. I. Possibilities of application, methods,  
and character of the cions."  
ornik. annals. Rada B., Praha, Vol 27, No 1, Feb 1954, p. 95  
SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress



FIEDLER, J.

Fiedler, J. Contribution to the study of flora in the ar. of Etropole Kralovo.  
p. 115. CASOPIS; ODDIL PRIRUCOVANOST. Praha. Vol. 133, no. 1, 1957.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, No. 11.  
Nov. 1955, Uncl.

**"APPROVED FOR RELEASE: 06/13/2000**

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FIDLER J.

CZECHOSLOVAKIA/Cultivated Plants - Technical. Oleaginous.  
Sugar-Bearing.

L-5

Abs Jour : Ref Zhur - Biologiya, No 16, 25 Aug 1957, 69319

Author : Fidler

Inst :

Title : The Study of Prospects for Vegetative Hybridization of  
Sugar and Food Beets.

Orig Pub : Listy cukrovarn., 1956, 72, No 9, 195-198

Abstract : Data are furnished on the scientific-experimental beet  
institute in Semchitz (Czechoslovakia) on verifica-  
tion of advisability of using methods of vegetative hy-  
bridization in beet selectivity. The analysis of  
"hybrid" plants obtained showed that in most cases they  
did not differ from their parental forms. And only in  
a few plants a tendency was noted toward appearance of  
new traits and characteristics. In the author's opinion  
in no case can vegetative hybridization be considered  
equal to natural reproduction.

Card 1/1

present conditions of the means of mechanization in Czechoslovakia

APPROVED FOR RELEASE: 06/13/2000 6, June 1957  
p. 113 (Zemelske hospod. 6, June 1957) CIA-RDP86-00513R000413010017-4"  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

FIEDLER, J.

"Experience acquired from the test of some sugar-beet machinery in 1958."  
p. 59

MECHANISACE ZEMEDELSTVI. Praha, Czechoslovakia, Vol. 9, No. 3, 1959

FIEDLER, J.; MATER, J.

"Outlook of future sugar-beet growing." P. 139

VESTNIK. Praha, Czechoslovakia; Vol. 6, No. 3, 1959

Monthly list of East European Accession Index (EEAI), Library of  
Congress, Vol. 8, No. 7, July, 1959

Unclas

FIEDLER, J.

"Simplification of thinning and mechanization of spring work in agriculture."

LISTY CUKROVARNICKE, Praha, Czechoslovakia, Vol. 75, No. 3, March 1952.

Monthly List of East European Accessions (MEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

FIEDLER, Jilji, C.Sc.Inz.

Problems of mechanization of thinning sugar beets. Vestnik CSAZV 8  
no.9:458-464 '60. (ERAI 10:3)

1. Vyzkumny ustav reparsky Ceskoslovenske akademie zemedelskych ved,  
Semcice.  
(Sugar beets)

FIEDLER, Jilji, inz., C.So.

Use of herbicides in sugar beet cultivation. Agrochem 2 no.2:43-46  
'62.

1. Vyzkumny ustav reparsky, Semcice.

FIEDLER, Jilji, inz., C.Sc.

Mechanization of sowing and cultivating sugar beet. Vestnik  
CSAZV 9 no.1:19-21 '62.

1. Vyzkumny ustav reparsky Ceskoslovenske akademie zemedelskych  
ved, Semcice.



FIEDLER, Jilji, inz., ScC.; RIMAL, Vladimir, promovany ekonom

Effect of the change in sugar beet sowing and thinning techniques  
on the required labor and total costs. Zemedel tech 9 no.2:  
93-106 Ap '63.

1. Vyzkumny ustav reparsky, Semice.

FIEDLER, Jilji, inz., G.So.

Research aims in sugar-beet cultivation. Rost vyroba 9  
no.3/4:349-350 Mr-Ap '63.

1. Vyzkumny ustav reparsky, Semice.

FIEDLER, Jiri, inz., C.Sc.

Sowing treated seeds and thinning the plants of sugar beets.  
Rost vyroba 9 no.3/4:351-362 Mr-Ap '63.

1. Vyzkumny ustav reparsky, Semcice.

FIEDLER, Jiri, inz., C.Sc.; JIRKU, Ladislav

Quality of sugar-beet seed subjected to various methods of  
mechanical treatment. Rost výroba 9 no.3/4:363-372 Mr-Ap '63.

1. Vyzkumny ustav reparsky, Semcice.

FIEDLER, Jilji, inz., Q.So.; VINDUSKA, Ladislav, inz.

Effect of fall soil tilling and manuring on the yield and  
quality of sugar beets. Rost výroba 9 no.3/4:373-390 Mr-Ap '63.

1. Vyzkumny ustav reparsky, Semoice.

FIEDLER, Jilji, inz., CSc.; VINDUSKA, Ladislav, inz.

Effect of the autumn tillage and fertilizing on the sugar  
beet yield and quality. Pt.2. Rost vyroba 9 no.10:1021-1032  
0 '63.

Value of sugar beet balls in relation to the intensity of  
tillage. 1033-1042.

1. Vyzkumny ustav reparsky, Semicice.

FIEDLER, Jilji, inz., CSc.

Sugar-beet research in Great Britain. Vest ust zemedel 10  
no.9:340-344 '63.

1. Vyzkumny ustav reparsky, Semcice.

FIEDLER, Jilji, inz., CSc.

Introducing progressive sugar beet cultivation technology  
by technical standards. Normalizace 11 no.9:271-273 S '63.

1. Vyzkumny ustav reparsky, Semcice.



FIEDLER, Jilji

Sugar-beet cultivation in Great Britain. Listy cukrovar  
79 no.11:294-298 N°63.

1. Vyzkumny ustav reparsky, Semcice.

FIEDLER, Jilil

Dependence of the planting value of abraded sugar beet seeds  
and planting uniformity on the sizing grade. Listy cukrovar  
80 no.10:257-260 0 '64.

1. Research Institute of Sugar Beets, Semcice.

FINDLER, Jilji, inz. OSc.

Research on sugar beets in the German Federal Republic.  
Vest ust zemedel 12 no.1;8-12 '65.

1. Research Institute of Sugar Beets, Semice.

FIEDLER, Jilji, inz. CSo.

Application of technological methods in sugar-beet cultivation.  
Vest ust zemedel 12 no.3:125-129 '65.

1. Research Institute of Sugar Beets, Semcice.

FINDLER, J.

Sugar-beet cultivation in the German Federal Republic. :13ty  
oukrovar 81 no.4:85-86 Ap '65.

BLAZEK, Zdenek, inz.; FIEDLER, Jiri, inz.

Calculating the cross section of the frame yoke and armature core of direct-current machines with regard to a correct function of commutating poles. Fl tech obzor 53 no.11:590-594 N '64.

1. Zavody V.I.Lenina National Enterprise, Plzen.

FIDLER, Jozef

A personal technique of uterine fixation in genital prolapse.  
Ginek. Pol. 36 no.4:457-462 Ap '65.

1. Ze Szpitala Położniczo-Ginekologicznego im. Dr. H. Jordana  
w Łodzi (Ordynator: dr. med. J. Fidler).

L 33612-66

ACC NR: AF6025056

SOURCE CODE: CZ/0017/66/055/001/0034/0040

AUTHOR: Blazek, Zdenek (Engineer); Fiedler, Jiri (Engineer)

ORG: Skoda, Plzen

TITLE: Choosing the number of poles in a dc machine from the viewpoint of economy

SOURCE: Elektrotechnicky obzor, v. 55, no. 1, 1966, 34-40

TOPIC TAGS: direct current, electric equipment, electromagnetism, production engineering, magnetic current

ABSTRACT: First, the criteria are discussed for choosing the number of poles in a dc machine from the electromagnetic point of view. If these criteria allow for a sufficiently free choice and if there are no other requirements limiting the choice, then the possibility is demonstrated of calculating the optimal number of poles from the viewpoint of minimal manufacturing cost. For this purpose an analysis is made of the weight of the copper in the winding and of the iron in the magnetic circuit. This analysis can be used independently for the rapid determination of the weights of the active parts of a machine. From the computations the conclusion can be drawn that machines can be designed with fewer poles than is customary at present, because the manufacturing costs are lower than for the present multipole machines. This paper was presented by Engineer Z. Ledr. Orig. art. has: 1 figure, 36 formulas, and 1 table. /Based on authors' Eng. abstract/ /JPRS: 35,327/

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UDC: 621.313.2.002.2

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FIDLER, K.

Tasks of science and of research, p. 201. VZPRAVY  
(Ministerstvo stavebnictvi) Praha. Vol. 4, no. 7, Apr. 1954.

SOURCE: EastEuropean Accessions List, Vol. 5, no. 9, September 1956

FIEDLER, Miroslav

On the generalized Graffe method and its modification. Cas  
pro pest mat 88 no.2:194-199 '63.

1. Matematicky ustav, Ceskoslovenska akademie ved, Praha 1,  
Zitna 25.

FIEDLER, MIROSLAV

**Fiedler, Miroslav.** Solution of a problem of Prof. E. Čech. *Časopis Pěst. Mat.* 77, 65-75 (1952). (Czech)

E. Čech proposed the problem of characterizing the sets in the  $(x, y)$ -plane which can be represented by an equation of the form

$$\sum_{r=1}^n |a_r x + b_r y + c_r| + ax + by + c = 0.$$

The  $a_r, b_r, c_r, a, b, c$  are arbitrary real numbers. The author solves the problem by proving the following theorem: Call an intersection of a finite number of closed half-planes a  $K$ -set. Then the sets  $S$  which can be described by an equation of the above form are of one of the following two types: (a)  $S$  is a  $K$ -set; (b)  $S$  is the boundary of a  $K$ -set containing an interior point. The only sets to be excluded here are the boundaries of ordinary triangles and the boundaries of infinitely extended triangles with two parallel half-planes as part of the boundary. *C. Loewner* (Stanford, Calif.).

SO: Mathematical Review, Vol. XIV, No. 6, June 53

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1956, 1.

Library of the Ministry of Defense (to the Ministry of Defense).

USSR IS THE P. COMMUNIST PARTY vol. 80, no. 1, May 1956

Leonid Klovkin

80. USSR IS THE P. COMMUNIST PARTY vol. 80, no. 1 July 1956

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**CIA-RDP86-00513R000413010017-4"**

Numerical Solution of Algebraic Equations All of Whose Roots Have Approximately the Same Absolute Value

Fiedler, Miroslav. Numerische Lösung algebraischer Gleichungen mit sämtlichen Wurzeln von fast demselben absoluten Betrag. Apl. Mat. 1 (1956), 4-22. (Czech. Russian and German summaries)

2

1-FW

This is the case in which some of the classical numerical methods fail to give useful results. In the given equation  $f(x) = a_0x^{2s} + a_1x^{2s-1} + \dots + a_{2s} = 0$ , let  $x = ry$ ,  $y = (a_{2s}/a_0)^{1/2s}$ . Then  $f(x) = g(y) = b_0y^{2s} + b_1y^{2s-1} + \dots + b_{2s}$ , and there are two polynomials  $u(z)$ ,  $v(z)$  in  $z = y + y^{-1}$  such that, approximately,

$$y^{-s}g(y) + y^s g(y^{-1}) = u(z) \text{ (of degree } s)$$

$$y^{-s}g(y) - y^s g(y^{-1}) = (y - y^{-1})v(z).$$

Assuming all roots  $z_1, \dots, z_s$  of  $u(z)$  to be simple, let  $\epsilon_i = -v(z_i)/u(z_i)$ . Then the roots of  $f(x)$  coincide approximately (up to  $\epsilon^{2s}$ ,  $\epsilon = \max \epsilon_i$ ) with the roots of the quadratic equations

$$x^2 - (1 + \epsilon_i)z_i r x + (1 + 2\epsilon_i)r^2 = 0.$$

There are a modification of this method for  $s=2$  or 3 and four numerical examples.

H. Schwerdtfeger (Montreal, P. Q.)

Field, J.

Geometry of the simplex in  $E_n$ . Pt. 2. p. 182

ORDERED SETS (VARIATIONAL)  
Vol. 81, no. 2, May 1956

Czechoslovakia

so. EAST EUROPEAN COMMISSIONS LIST vol. 5, no. 11 Nov. 1956



FIEDLER, K.

Numerical solution of algebraic equations by the Bernoulli-Whittaker method.  
p. 321.

(Institute of Virology - Czechoslovak Academy of Science) Vol. 2 No. 4, 1957

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 5 May 1958

FIEDLER, M.

"Some properties of Hermitian matrices."

p. 168 (Matematicko-Fyzikalny Casopis) Vol. 7, no. 3, 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

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Fiedler, Miroslav. Über qualitative Winkleigenschaften der Simplexe. Czechoslovak Math. J. 7(82) (1957). 463-478. (Russian summary)

Continuing earlier work [Casopis Pěst. Mat. 79 (1954), 297-320; 80 (1955), 462-476; 81 (1956), 182-223; Schr. Forschungsinst. Math. 1 (1957), 157; MR 16, 1045; 19, 674, 303], the author considers the  $(n-1)$ -dimensional faces of an  $n$ -dimensional simplex as the nodes of a complete graph whose edges then represent the (interior) angles between the faces. A study of the subgraphs formed by the edges corresponding to acute resp. right resp. obtuse angles leads to results of which the following are typical. A simplex is called acute-angled [not obtuse-angled] if all its angles are  $<[\leq]\frac{\pi}{2}$ . An acute-angled [not obtuse-angled] simplex has all its  $k$ -dimensional faces  $(2 \leq k \leq n-1)$  acute-angled [not obtuse-angled]. A simplex with exactly  $n$  acute and  $n(n-1)$  right angles is called right-angled; an edge is called a kathete if the angle between the two opposite faces is acute. Every right-angled simplex can be embedded in a cuboid so that its vertices and kathetes are vertices and edges of the cuboid; and conversely any connected set of  $n$  pairwise non-parallel

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edges of a cuboid form the kathetes of a right-angled simplex.

F. A. Behrend (Melbourne)

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On the Root-base of Directed Graphs

Fiedler, Miroslav; und Sedláček, Jiří. Über Wurzel-basen von gerichteten Graphen. Časopis Pěst. Mat. 83 (1958), 214-225. (Czech. Russian and German summaries)

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1-FIW

A source of a directed graph is a node on which no edge ends. The central concept of this paper is the  $W$ -basis of a finite directed graph: a subgroup which embraces all the nodes and all of whose connected components are trees, each of these trees having just one source. Such trees are called  $W$ -trees. The following results concerning the  $W$ -bases of finite acyclic graphs and finite well-directed graphs (graphs in which it is possible to go from any given node to any other given node along the edges in the direction of the arrows) are obtained. 1. Let  $A$  denote an acyclic graph with one or more sources and let  $B$  denote a subgraph of  $A$  whose connected components are all  $W$ -trees. Then  $A$  has a  $W$ -basis of which  $B$  is a subgraph and whose sources are all sources of  $A$ . 2. If corresponding to each node  $w$  of a finite directed graph  $G$  there is a  $W$ -basis of  $G$  which has  $w$  as its only source, then  $G$  is well-directed. 3. Let  $G$  denote a well-directed graph and  $H$  a non-empty subgraph of  $G$  whose connected components are all  $W$ -trees.  $G$  has a  $W$ -basis which has the same sources as  $H$  and of which  $H$  is a subgraph. 4. A directed graph  $G$  is well-directed if and only if corresponding to each non-empty subset  $P$  of the nodes of  $G$  there is a  $W$ -basis of  $G$  whose sources are the nodes in  $P$ .

An application of  $W$ -bases to the theory of determinants is also given.

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An iterative method for bringing a symmetric matrix to the diagonal  
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AUTHORS: Fiedler, Otakar and Kadlas, Oldřich, Engineer

TITLE: Dependence of the Residual Current  $I_{ko}$  on the Resistance Between the Base and the Emitter

PERIODICAL: Slaboproudý obzor, 1960, Vol 21, No 7, pp 442-443

ABSTRACT: In the Telecommunication Research Institute the dependence was followed between the residual current  $I_{ko}$  in transistors (connected to a grounded emitter) and the magnitude of the resistance  $R$  connected between the base and the emitter, see Fig 1 showing the connection for transistor measurements. This dependence was studied at various temperatures of the ambience and the measured values are plotted in Fig 2, which shows the dependence of the residual current  $I_{ko}$  on the resistance between the base and the emitter. The curves show that for a given temperature of the ambience, up to a certain value of the resistance  $R$ , the residual current  $I_{ko}$  has a

Card 1/2 minimum value (equalling the residual current in the case

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Arteriovenous communications, arteriography (Cz))

(ANGIOGRAPHY, in various dis.)

varicose veins, arteriographic observation of arteriovenous communications (Cz))

EXCERPTA MEDICA Sec 9 Vol 13/6 Surgery June 59

3113. CONTRIBUTION TOWARDS THE DIAGNOSTICS OF IMPAIRED WATER AND SALT EQUILIBRIUM IN POSTOPERATIVE STATES BY MEANS OF CONDUCTOMETRY OF THE SERUM - Příspěvek k diagnostice poruch vodní a solné rovnováhy v pooperačních stavech pomocí konduktometrie krevního sera - Fiedler Z. Kat. Fak. Chir. VLA JEvP, Hradec Králové - ROZHL. CHIR. 1957, 36/9 (609-615) Graphs 5 Illus. 2

The method is described. It was found to be reliable and suitable for use in surgical practice. Following abdominal operations some changes in the salt economy were always found coincident with the presence of paralytic ileus.

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I.interní klinika (prednosta: prof., MUDr. J.Rehor); Pato-  
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